

Anti-RAP1/TERF2IP antibody ab87319

画像数 1

製品の概要

製品名	Anti-RAP1/TERF2IP antibody
製品の詳細	Rabbit polyclonal to RAP1/TERF2IP
由来種	Rabbit
アプリケーション	適用あり: IHC-P
種交差性	交差種: Human
免疫原	Recombinant full length protein corresponding to Human RAP1/TERF2IP.
ポジティブ・コントロール	Human Anaplastic Thyroid Carcinoma and Breast Carcinoma
特記事項	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	pH: 6.8 Preservative: 0.09% Sodium azide Constituents: 0.1% BSA, Tris buffered saline
精製度	Immunogen affinity purified
特記事項(精製)	ab87319 was affinity purified using RAP1/TERF2IP immobilized on solid support.
ポリモノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

The Abpromise guarantee

Abpromise保証は、次のテスト済みアプリケーションにおけるab87319の使用に適用されません

アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
IHC-P		

追加情報

IHC-P: 1/100 - 1/500. Epitope exposure is recommended. Epitope exposure with tris-EDTA pH9.0 buffer will enhance staining.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

ターゲット情報

機能

Acts both as a regulator of telomere function and as a transcription regulator. Involved in the regulation of telomere length and protection as a component of the shelterin complex (telosome). In contrast to other components of the shelterin complex, it is dispensible for telomere capping and does not participate in the protection of telomeres against non-homologous end-joining (NHEJ)-mediated repair. Instead, it is required to negatively regulate telomere recombination and is essential for repressing homology-directed repair (HDR), which can affect telomere length. Does not bind DNA directly: recruited to telomeric double-stranded 5'-TTAGGG-3' repeats via its interaction with TERF2. Independently of its function in telomeres, also acts as a transcription regulator: recruited to extratelomeric 5'-TTAGGG-3' sites via its association with TERF2 or other factors, and regulates gene expression. When cytoplasmic, associates with the I-kappa-B-kinase (IKK) complex and acts as a regulator of the NF-kappa-B signaling by promoting IKK-mediated phosphorylation of RELA/p65, leading to activate expression of NF-kappa-B target genes.

組織特異性

Ubiquitous. Highly expressed.

配列類似性

Belongs to the RAP1 family.

Contains 1 BRCT domain.

Contains 1 Myb-like domain.

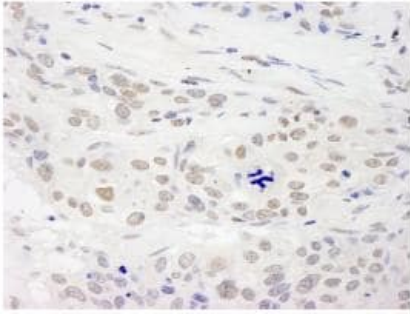
翻訳後修飾

Phosphorylated upon DNA damage, probably by ATM or ATR.

細胞内局在

Nucleus. Cytoplasm. Chromosome. Chromosome > telomere. Associates with chromosomes, both at telomeres and in extratelomeric sites. Also exists as a cytoplasmic form, where it associates with the IKK complex.

画像



ab87319, at 1/250 dilution, staining RAP1/TERF2IP in formalin-fixed, paraffin-embedded section of Human breast carcinoma tissue by Immunohistochemistry using DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RAP1/TERF2IP antibody (ab87319)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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